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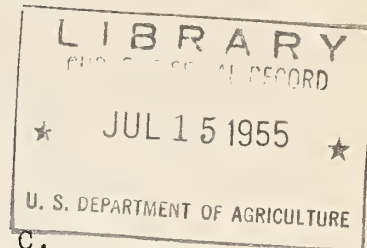
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UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Research Service

Publications and Articles  
from Human Nutrition and Home Economics Research  
February - March 1955



Department publication

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Food consumption of urban families in the United States, with an appraisal of  
methods of analysis. F. Clark, J. Murray, G. S. Weiss, and E. Grossman.  
Home Economics Res. Br. AIB-132, 203 pp., illus. Oct. 1954. (Off press,  
March 7, 1955.) Price \$1.00.

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Articles published in professional journals (PLEASE CONSULT JOURNALS; U. S.  
DEPARTMENT OF AGRICULTURE USUALLY CANNOT FURNISH REPRINTS OF ARTICLES)

The flavor of your eggs--how good is it. B. A. McLaren and W. J. Stadelman.  
Poultry Processing and Marketing 61(2): 20-21, 34, 36. Illus. Feb. 1955.  
(Contract research with Wash. Agr. Expt. Sta., sponsored by Human Nutr. Res.  
Br.)

Sources of error in microbiological determinations of amino acids on acid hydroly-  
sates. II. Apparent loss of amino acids on storage. M. J. Horn, A. E. Blum,  
C. E. F. Gersdorff, and H. W. Warren. Cereal Chem. 32: 64-70. Jan. 1955.

Nutritional status of the aging. I. Hematology of 577 normal men and women over  
50 years of age. H. L. Gillum, and A. F. Morgan. Jour. Nutr. 55: 265-288.  
Feb. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.) Abstract  
in Fed. Proc. 13: 469, Mar. 1954.

Nutritional status of the aging. II. Blood glucose levels. H. L. Gillum,  
A. F. Morgan, and R. I. Williams. Jour. Nutr. 55: 289-303. Feb. 1955. (West.  
Region. Proj., Human Nutr. Res. Br. cooperating.)

Nutritional status of the aging. III. Serum ascorbic acid and intake. A. F.  
Morgan, H. L. Gillum, and R. I. Williams. Jour. Nutr. 55(3): 431-448. Mar.  
1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)

(OVER)

Articles in professional journals--Continued

- Nutritional status of the aging. IV. Serum cholesterol and diet. H. L. Gillum, A. F. Morgan, and D. W. Jerome. Jour. Nutr. 55(3): 449-468. Mar. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)
- Children with and without rheumatic fever. IV. Hemoglobin, packed red cells, red and white cell count, sedimentation rate, blood glucose, serum iron, and copper. E. B. Wilcox, F. L. Mangelson, L. S. Galloway, and P. Wood. Amer. Dietet. Assoc. Jour. 31: 45-51. Jan. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)
- Distribution of calories in diets of Iowa school children. E. S. Eppright and P. P. Swanson. Amer. Dietet. Assoc. Jour. 31(2): 144-148. Feb. 1955. (No. Cent. Region. Proj., Human Nutr. Res. Br. cooperating.)
- Do Iowa women eat enough protein? P. Swanson, E. Willis, and P. Mairs. Iowa Farm Sci. 9(8): 14-16. Feb. 1955. (No. Cent. Region. Proj., Iowa State Col., Human Nutr. Res. Br. cooperating.)
- You don't outgrow...your need for calcium. P. Swanson and E. Willis. Iowa Farm Sci. 9(9): 12-14. Mar. 1955. (No. Cent. Region. Proj., Iowa State Col., Human Nutr. Res. Br. cooperating.)
- Influence of fat in the diet on distribution of unsaturated fatty acids in the serum of dogs. (Abstract.) H. F. Wiese, M. A. Baughan, and A. E. Hansen. Fed. Proc. 14(1, pt. 1): 1469. Mar. 1955. (Contract research with Univ. of Tex., Med. Br., sponsored by Human Nutr. Res. Br.)
- Effect of dietary fat on unsaturated fatty acids of serum of infants. (Abstract.) A. E. Hansen, H. F. Wiese, M. Lawlis, D. J. D. Adam, and M. A. Baughan. Fed. Proc. 14(1, pt. 1): 1409. Mar. 1955. (Contract research with Univ. of Tex., Med. Br., sponsored by Human Nutr. Res. Br.)
- Alteration of rats' serum protein produced by diet. (Abstract.) E. Callison and M. Fisher. Fed. Proc. 14(1, pt. 1): 1385. Mar. 1955.
- Parenteral administration of vitamin B<sub>12</sub> into day old chicks. (Abstract.) F. A. Csonka. Fed. Proc. 14(1, pt. 1): 642. Mar. 1955.
- Amino acid requirement of young women. IV. Pheylalanine. (Abstract.) R. M. Levertson, N. Johnson, J. Ellison, M. Skellenger, D. Gerschwender, and F. Schmidt. Fed. Proc. 14(1, pt. 1): 1425. Mar. 1955. (Contract research with Nebr. Agr. Expt. Sta., sponsored by Human Nutr. Res. Br.)
- Methionine and lysine requirements of mature women. (Abstract.) E. M. Jones, C. A. Baumann, and M. S. Reynolds. Fed. Proc. 14(1, pt. 1): 1417. Mar. 1955. (Contract research with Univ. of Wisconsin, sponsored by Human Nutr. Res. Br.)
- Estimation of thiamine allowances for adolescent boys. (Abstract.) J. M. Smith, S. Chen, M. H. Bert, and E. Dick. Fed. Proc. 14(1, pt. 1): 1457. Mar. 1955. (Contract research with Univ. of Illinois, sponsored by Human Nutr. Res. Br.)

Articles in professional journals--Continued

Storage space dimensions for units of household linens. A. Woolrich, M. W. White and M. Richards. Jour. Home Econ. 47(3): 177-184. Mar. 1955.

Adsorption of available chlorine and quaternary by cotton and wool fabrics from disinfecting solutions. M. T. Goldsmith, M. A. Latlief, J. L. Friedl, and L. S. Stuart. Appl. Microbiol. 2(6): 360-364. Nov. 1954. (In coop. with Plant Pest Control Br.)





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Starred publication available only by purchase. Send order and remittance to Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Do you get enough milk? Human Nutr. Res. Br. H&G-47, 8 pp. May 1955.

\*Energy value of foods...basis and derivation. A. L. Merrill and B. K. Watt. Human Nutr. Res. Br. AH-74, 105 pp. Mar. 1955. 55 cents.

Cooking quality and compositional factors of potatoes of different varieties from several commercial locations. P. H. Heinze, M. E. Kirkpatrick, and E. F. Dochterman. Tech. Bul. 1106, 69 pp. Mar. 1955. (Biological Sciences Br., AMS; Human Nutr. Res. Br. cooperating.)

Articles published in professional journals (PLEASE CONSULT JOURNALS; U. S. DEPARTMENT OF AGRICULTURE USUALLY CANNOT FURNISH REPRINTS OF ARTICLES)

Flavor of Sebago potatoes grown in soil treated with chlordan, heptachlor, dieldrin, aldrin, and endrin. M. E. Kirkpatrick, G. S. Linton, B. M. Mountjoy, and L. C. Albright. Jour. Agr. and Food Chem. 3(5): 409-412. May 1955. (In coop. with Ent. Res. Br.)

The effect of different methods of cooking beef round of commercial and prime grades. I. Palatability and shear values. R. M. Griswold. Food Research 20(2): 160-170. Mar-Apr. 1955. (Contract research with Univ. of Chicago, sponsored by Human Nutr. Res. Br.)

The effect of different methods of cooking beef round of commercial and prime grades. II. Collagen, fat, and nitrogen content. R. M. Griswold. Food Research 20(2): 170-179. Mar.-Apr. 1955. (Contract research with Univ. of Chicago, sponsored by Human Nutr. Res. Br.)

Nutritional status of the aging. V. Vitamin A and carotene. H. L. Gillum, A. F. Morgan and F. Sailer. Jour. Nutr. 55(4): 655-670. Apr. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)

Nutritional status of the aging. VI. Serum protein, blood nonprotein nitrogen, uric acid, and creatinine. A. F. Morgan, M. Murai, and H. L. Gillum. Jour. Nutr. 55(4): 671-685. Apr. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)

Articles published in professional journals (continued)

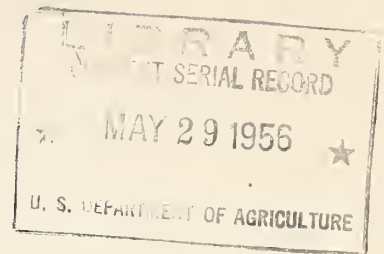
- Nutritional status of adolescent Idaho children. I. An evaluation of seven-day dietary records. K. P. Warnick, S. V. Bring, and E. Woods. Amer. Dietet. Assoc. Jour. 31: 486-490. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)
- Distribution of nutrients among meals and snacks of Iowa school children. E. S. Eppright and P. P. Swanson. Amer. Dietet. Assoc. Jour. 31(3): 256-260. Mar. 1955. (No. Cent. Region. Proj., Human Nutr. Res. Br. cooperating.)
- Diet and nutritional status of Iowa school children. E. S. Eppright and C. Roderuck. Jour. Pub. Health 45(4): 464-471. Illus. Apr. 1955. (No. cent. Region. Proj., Iowa Agr. Expt. Sta., Human Nutr. Res. Br. cooperating.)
- The relation of age to fat absorption in adult women together with observations on concentration of serum cholesterol. P. Garcia, C. Roderuck and P. Swanson. Jour. Nutr. 55(4): 601-609. Apr. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)
- Overweight...A problem among Iowa women. P. Swanson, E. Willis and P. Mairs. Iowa Farm Sci. 9(11): 18-20. May 1955. (No. Cent. Region. Proj., Iowa St. Col., Human Nutr. Res. Br. cooperating.)
- Fruits and vegetables...Keys to vitamins A and C. E. Willis and P. Swanson. Iowa Farm Sci. 9(10): 10-12. Apr. 1955. (No. Cent. Region. Proj., Iowa St. Col., Human Nutr. Res. Br. cooperating.)
- Reduced and total ascorbic acid values of thirty-four foods. K. H. Fisher and M. L. Dodds. Food Res. 20(3): 247-249. (Contract research with Penna. St. Univ., sponsored by Human Nutr. Res. Br.)
- Bacteriostatic property of fabrics treated with quaternary germicide under varied weight-volume-concentration ratios. (Abstract.) M. T. Goldsmith, M. A. Latlief, J. L. Friedl, and L. S. Stuart. Bacteriol. Proc. 1955, p. 24.
- Budget, family. G. S. Weiss. Encyclopaedia Britannica 380-381. 1955.
- Book review
- Color in hooked rugs. P. K. McGowan. By M. L. Hensley for Inter-Society of Color Council News Letter.



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UNITED STATES DEPARTMENT OF AGRICULTURE  
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Publications and Articles  
from Home Economics Research  
Sept.-Oct. 1955



Department publications

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\*Food buying guide for type A school lunches. PA-270, 32 pp. June 1955. (Off press Oct. 14, 1955) (In coop. with Agr. Market. Serv., and Fish and Wildlife Serv., Dept. of the Interior) Price 25 cents.

Revisions:

Family fare--food management and recipes. HG-1. Human Nutr. Res. Br. Slightly revised July, 1955.

Nutrition up to date, up to you. GS-1. (Reprint from G-1) Human Nutr. Res. Br. Slightly revised, Sept. 1955.

Food for families with young children. HG-5. Human Nutr. Res. Br. Slightly revised, 1955.

Food for the family with school children. HG-13. Human Nutr. and Home Econ. Res. Slightly revised, 1955.

Food guide for older folks. HG-17. Home Econ. Res. Br. Slightly revised, 1955.

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Articles published in professional journals (PLEASE CONSULT JOURNALS; U. S. DEPARTMENT OF AGRICULTURE CANNOT FURNISH REPRINTS OF ARTICLES.)

Nutritional review. Household Econ. Res. Br. In National Food Sit.-74, pp. 5-6. Nov. 1955.

Nutrients contributed by major food groups--a reflection of changing food habits. E. Cofer. In National Food Sit.-74, pp. 25-29. Nov. 1955.

Nutritional status of school children 15 and 16 years of age in three Idaho communities; blood biochemical tests. S. V. Bring, K. P. Warnick and E. Woods. Jour. Nutr. 57(1): 29-45. Sept. 10, 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating)

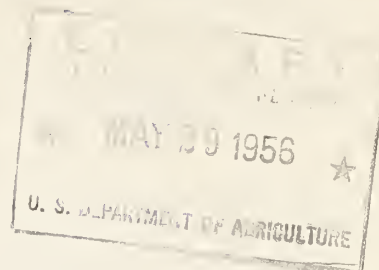
The right foods...Your passport to good health. P. Swanson and E. Willis. Iowa Farm Sci. 10(3): 17-19. Sept. 1955. (No. Cent. Region. Proj., Iowa St. Col., Human Nutr. Res. Br. cooperating)



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Publications and Articles  
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Nov. 1955-Jan. 1956



Department publications

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A standardized diet for metabolic studies--its development and application. F. L. Meyer, M. L. Brown, H. J. Wright, and M. L. Hathaway. Tech. Bul. 1126, 81 pp. Illus. Nov. 1955. Price 30 cents.

Bread...facts for consumer education. I. H. Wolgamot and L. J. Fincher. AIB-142, 22 pp. Illus. Nov. 1955. Price 15 cents.

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Articles published in professional journals (PLEASE CONSULT JOURNALS; U. S. DEPARTMENT OF AGRICULTURE CANNOT FURNISH REPRINTS OF ARTICLES)

Nutrient intakes and food habits of Montana students. L. M. Odland, L. Page, and L. Guild. Amer. Dietet. Assoc. Jour. 31(11): 1134-1142. Nov. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)

Dental caries experience of Montana students. L. M. Odland, L. Page, and S. T. Dohrman. Amer. Dietet. Assoc. Jour. 31(12): 1218-1222. Dec. 1955. (West. Region. Proj., Human Nutr. Res. Br. cooperating.)

Fat in the diet of infants in relation to caloric consumption, growth and serum levels for specific fatty acids. A. E. Hansen. (Abstract.) Amer. Jour. of Diseases of Children 90(5): 621-622. Nov. 1955.

Cystine, tyrosine, and essential amino acid contents of selected foods. C. H. Edwards, L. P. Carter, and C. E. Outland. Agr. and Food Chem. 3(11): 952-957. Nov. 1955. (Contract research with Carver Foundation, and Sch. of Home Econ., Tuskegee Inst., sponsored by Human Nutr. Res. Br.)

A microbiological method for determination of cystine in foods. M. J. Horn and A. E. Blum. Cereal Chem. 33(1): 18-20. Jan. 1956.

The effect of moist and dry heat cooking on palatability scores and shear force values of beef from animals of different levels of fleshing. S. Cover and M. Shrode. Jour. Home Econ. 47(9): 681-685. Nov. 1955. (Contract research with Texas Agr. Expt. Sta., sponsored by Human Nutr. Res. Br.)

Cooking rice for school lunches. O. M. Batcher, K. F. Helmintoller and E. H. Dawson. Jour. Home Econ. 48(1): 36-37. Jan. 1956.

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Publications and Articles on

Home Economics Research--Nov. 1955-Jan. 1956

Articles published in professional journals--Continued

Effect of food losses on nutritive content of diets in four institutions. C. L. Brine and E. B. Tate. Amer. Dietet. Assoc. Jour. 32(1): 19-23. Jan. 1956. (Contract research with Arthur D. Little, Inc., sponsored by Home Econ. Res. Br.)

Measuring the whitening effects of fluorescent dyes and perborate bleaches on cotton. M. S. Furry and P. L. Bensing. Amer. Dyestuff Rptr. 44(23): 786-790. Illus. Nov. 7, 1955. (Abstract in Amer. Dyestuff Rptr. 44(18): 609. Aug. 29, 1955.)